

WHAT IS CLAIMED IS:

1. A job status monitoring method of monitoring statuses of jobs executed on a computer, comprising the steps of:

acquiring schedule information indicating a schedule of execution of a job and setting an item of execution monitoring start date and time indicating a date and time to start monitoring the job and an item of execution monitoring end date and time indicating a date and time to finish monitoring the job;

selecting, when a browsing time zone represented by an item of browsing start date and time indicating a day and a point of time to start browsing a monitored status and an item of browsing end date and time indicating a date and time to finish browsing a monitored status overlaps with a monitoring time zone represented by the execution monitoring start date and time and the execution monitoring end date and time, a job to which the execution monitoring start date and time and the execution monitoring end date and time are specified and setting the job as a monitoring item to be monitored; and

creating monitor screen data to display a monitored status of the job selected as the browsing item.

2. A job status monitoring method according to claim 1, further comprising the step of setting the execution monitoring start date and time item and the

execution monitoring end date and time item using the execution start schedule date and time item of a job and a execution result time obtained from a result of execution of the job.

3. A job status monitoring method according to claim 2, further comprising the step of setting the execution monitoring start date and time item and the execution monitoring end date and time item by adding a predetermined period of time before and after a time zone between the execution start schedule date and time of the job and a point of time obtained by adding a execution result time of the job to the execution start schedule date and time.

4. A job status monitoring method according to claim 3, further comprising the step of setting the predetermined period of time using an rate of operation of a computer executing the job and a number of abnormal terminations of the job.

5. A job status monitoring method according to claim 4, further comprising the step of obtaining a mean value of values of execution result time obtained as results of execution of the job.

6. A job status monitoring method according to claim 4, further comprising the step of calculating, using a relationship between the execution result time obtained as results of execution of the job and the rate of operation of a computer executing the job, an execution time optimal value indicating a period of

time required to execute the job at the rate of operation.

7. A job status monitoring method according to claim 6, further comprising the steps of:

correcting information of the date and time using a time difference between a browsing location at which the monitored status is browsed and an execution location at which the job is executed; and

selecting a browsing item using the information corrected in the preceding step.

8. A job status monitoring method according to claim 7, further comprising the step of displaying, when an event indicating an abnormal termination of the job is received, the monitored status of the job also after a point of time indicated by the execution monitoring end date and time of the job.

9. A job status monitoring system for monitoring statuses of jobs executed on a computer, comprising:

a monitoring item acquiring unit which acquires schedule information indicating a schedule of execution of a job and setting an item of execution monitoring start date and time indicating a date and time to start monitoring the job and an item of execution monitoring end date and time indicating a date and to finish monitoring the job;

a browse screen display time adjusting unit which selects, when a browsing time zone represented by an item of browsing start date and time indicating a

date and time to start browsing a monitored status and an item of browsing end date and time indicating a date and time to finish browsing a monitored status overlaps with a monitoring time zone represented by the execution monitoring start date and time and the execution monitoring end date and time, a job to which the execution monitoring start date and time and the execution monitoring end date and time are specified and setting the job as a monitoring item to be monitored; and

a integrated monitor screen data generating unit which generates monitor screen data to display a monitored status of the job selected as the browsing item.

10. A program product for making a computer serve as a job status monitoring system which monitors statuses of jobs executed on a computer, comprising:

a program part which makes the computer serve as a monitoring item acquiring unit which acquires schedule information indicating a schedule of execution of a job and setting an item of execution monitoring start date and time indicating a date of time to start monitoring the job and an item of execution monitoring end date and time indicating a date and time to finish monitoring the job;

a program part which makes the computer serve as a browse screen display time adjusting unit which selects, when a browsing time zone represented by an

item of browsing start date and time indicating a date and time to start browsing a monitored status and an item of browsing end date and time indicating a date and time to finish browsing a monitored status overlaps with a monitoring time zone represented by the execution monitoring start date and time and the execution monitoring end date and time, a job to which the execution monitoring start date and time and the execution monitoring end date and time are specified and setting the job as a monitoring item to be monitored; and

a program part which makes the computer serve as a integrated monitor screen data generating unit for generating a monitor screen data to display a monitored status of the job selected as the browsing item.